

CONFORMITY INSPECTION RECORD

Applicant: Dart Aerospace Ltd		Title of Change: Drop Testing per TP-D350-748-1. Validation of undersized (O.D.) material	
Aeronautical Product: Helicopter	Make: Eurocopter	Model: AS 350/355 Models	Serial No.: All
Applicant's Inspector: Pat Smith	Date of Inspection: 12.06.14	Applicant's Project Manager: Chris Provencal	
		Region: PNR	

Item Inspected	Controlling Document	Finding		Additional Findings
		Sat.	Unsat.	
1. D350-748-101 B85564 Manufactured per D350-748-141 Rev F	D350-748-141 Rev F			a) O.D. of crosstube at support location is 2.288" b) O.D. is undersized at several other locations along tube c) After bending: height & half-widths of tube are over tolerance (within 0.25" of nominal). Tube crushing from bending is 6.9% at one location, d) Crosstube not CAD plated or painted and abrasion strips not installed. Supports and clamps are representative. – Not required for structural test e) Grounding wire insert not installed – Negligible effect
2. D350-748-201 B85336 Manufactured per D350-748-241 Rev F	D350-748-241 Rev F			a) O.D. of crosstube at support location is 2.331" b) O.D. is undersized at several other locations along tube c) After bending: one height is below tolerance (0.15" of nominal), angles over tolerance (2.5° of nominal) d) Crosstube not CAD plated or painted and abrasion strips not installed. Supports and clamps are representative. – Not required for structural test
3. D350-636-011/-012 Skidtubes are representative	TP-D350-748-1 Rev A			
4. Landing Gear has been assembled per IIN-D350-748 Rev B	IIN-D350-748 Rev B			
5. Test setup per Appendix A of TP-D350-748-1 Rev A	TP-D350-748-1 Rev A			a) Accelerometer not used. G-loading will not be measured for this test. Reduction in O.D. can only decrease the load factors.
6. Load Cell is calibrated	TP-D350-748-1 Rev A			

APPLICANT'S ATTESTATION

I hereby confirm that the prototype installation and/or test setup is in conformity with the items listed above.

Signature:  Date: 12/06/14

TC INSPECTION

☐ ACCEPTABLE
☐ UNACCEPTABLE

Additional Remarks:

Signature: _____ Date: _____